USER'S MANUAL

508UAB

BLUETOOTH®-ENABLED

MP3-COMPATIBLE CD AM/FM RECEIVER

BOSS®
AUDIO SYSTEMS

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PRECAUTIONS

How to Handle Discs

- Handle a disc by its edges. Do not touch the playing side.
- Before inserting a disc, wipe the disc outward from the disc center with a clean, soft, dry and lint-free cloth. Do not use solvents or thinners such a petrol/benzene or cleaners.
- After removing a disc from the disc slot, place the disc in a sleeve or case to keep it clean and prevent scratches.
- Do not stick paper or tape on the disc surface. If there is glue (or adhesive) on the disc surface, remove it before using the disc.

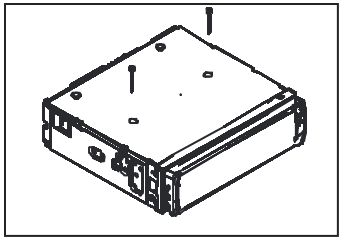
Lithium Battery Cell Warnings

- Cell leakage may cause damage to the remote control.
- Do not throw cells into fire, as this may cause an explosion.
- Keep battery cells out of reach of children.

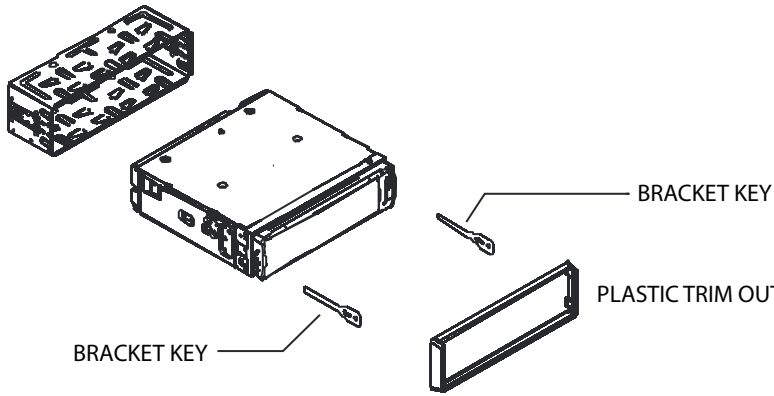
INSTALLATION

Prepare Radio

1. Before you begin, disconnect the battery negative terminal.
2. Remove the transport screws.



3. Remove chassis from the mounting sleeve.



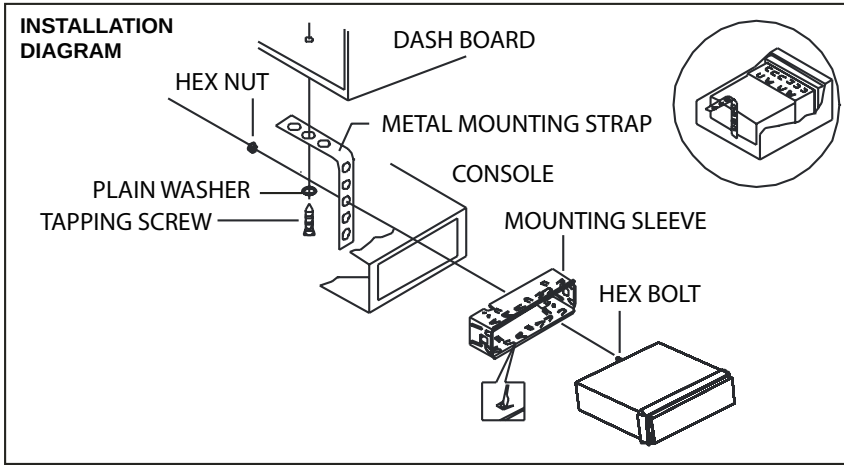
If you want to remove the chassis from the mounting sleeve, first remove the plastic trim out from both sides. Next, insert the two bracket keys into the left and right side of the chassis, as illustrated, to separate the chassis from the housing.

Mount Radio

Refer to the “Installation Diagram” to install the unit.

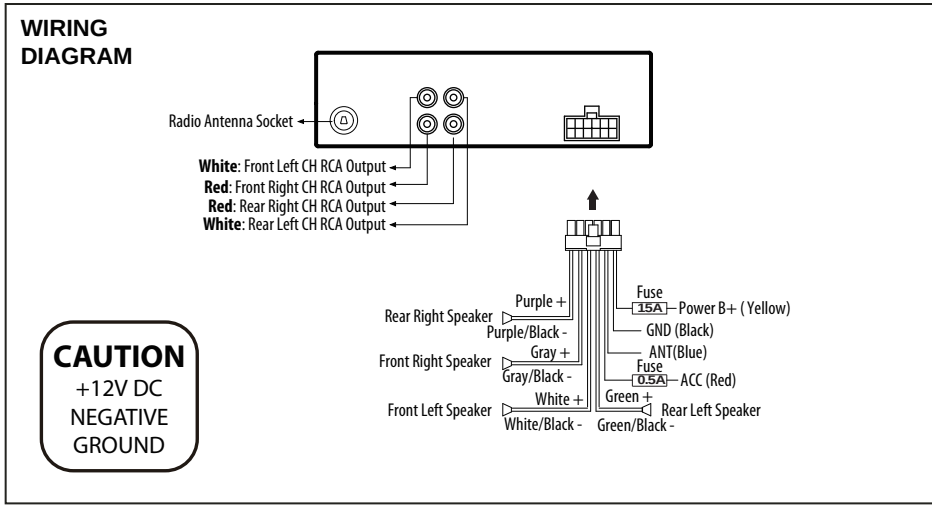
1. Bend the tabs on the mounting sleeve, where necessary, to ensure than the front part of the main unit will remain fixed into the vehicle dash opening.
2. Insert radio into the mounting sleeve.
3. Use a metal strap to secure the rear part of the chassis using the hardware indicated.
4. Make wiring connections, as illustrated in the “Wiring Diagram.”
5. Install the plastic trim out.

INSTALLATION (CONT.)



- Only use speakers with 4 ohms impedance.
- Do not attach the control panel to the chassis before wiring is complete.
- The maximum current of the auto antenna is 200mA.

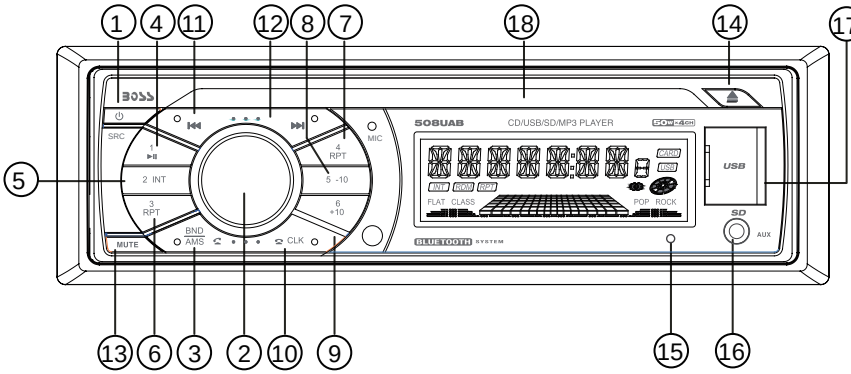
Wiring Connections



Uninstall the Main Unit

1. Remove the metal strap from the main unit.
2. Remove the plastic trim out from the main unit.
3. Insert a bracket key into the left and right side of the main unit and draw the unit out of the mounting sleeve.

CONTROL PANEL BUTTON LOCATIONS



1. POWER/SRC (source) button
2. SEL (select/menu) button and VOL (volume) knob
3. BAND/AMS (automatic music search) button
4. >|| or 1 button
5. INT (intro) or 2 button
6. RPT (repeat) or 3 button
7. RDM (random) or 4 button
8. -10 or 5 button
9. +10 or 6 button
10. CLK (clock) button
11. |<< button
12. >>| button
13. MUTE button
14. EJECT button
15. RESET button
16. AUX IN (auxiliary input) jack
17. USB port/Micro SD Card slot
18. Disc slot

GENERAL OPERATION

Turn Unit On/Off

Press the power (⏻) /SRC button to turn the unit on or off.

Adjust Volume (VOL)

Rotate the **VOL** knob on the front panel or press the **VOL+/-** buttons on the remote control to increase or decrease the volume level.

Adjust Menu Options (SEL)

- Press the **SEL** button repeatedly to cycle through the following adjustable audio functions: VOL, BASS, TREBLE, BALANCE, FADER, LOUD,EQ OFF, DX and STEREO.
- Press and hold the **SEL** button to access these additional functions: VOL , AREA EU/US, Clock 12/24, and BEEP ON/OFF.

Set the Clock (CLK)

1. To display clock time, press the **CLK** button.
2. To set clock time, press and hold the **CLK** button and the hour will flash.
3. Rotate the **VOL** knob or press the **VOL +** or **VOL -** button to adjust the hour.
4. Press the **SEL** button and the minutes will flash.
5. Rotate the **VOL** knob or press the **VOL +** or **VOL -** button to adjust the minutes.
6. During Bluetooth mode, the clock can not be adjusted.

Change the Source (SRC)

Press the **SRC** button to switch between RADIO, DISC, USB, CARD and AUX-IN modes.

Reset System (RESET)

The **RESET** button is used to reset all parameters to factory default settings.
This function may be used when the LCD does not display normally or sound is distorted, or when any of the controls are disabled. To reset your system, use a thin object with a pointed end to depress the **RESET** button.

RADIO OPERATION

Switch Between US and EU Frequency

In radio mode, press and hold the **VOL** button to switch between US (USA) and EU (Europe) frequency. The system will change the frequency setting in about 3 seconds.

Change Bands (BAND)

Press the **BAND** button to switch between the F1 (FM1), F2 (FM2), F3 (FM3), A1 (AM1) and A2 (AM2) bands. Each band stores up to six preset stations.

Manual Tuning (|<< / >>|)

Press and hold the **>>|** or **|<<** button to enter manual tuning mode. In manual tuning mode, press the **>>|** or **|<<** buttons to move the radio frequency number up or down one step.

Auto Seek Tuning (|<< / >>|)

In standby mode or while not in manual tuning mode, quickly press the **>>|** or **|<<** buttons to move to the next/previous available station automatically.

Automatic Music Search (AMS)

Press and hold the **AMS** button for more than 2 seconds to select six strong stations and store them in the current band. The radio will automatically scan the current frequency and enter the six strongest stations into the preset memory positions for that band.

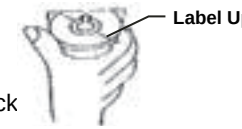
Store/Recall Preset Stations (1 - 6)

The radio can store 6 preset stations for each band (FM1, FM2, FM3, AM1 and AM2) for a total of 30 stored stations.

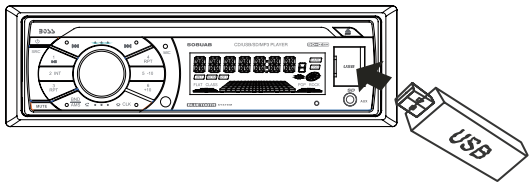
1. To memorize a station, turn the radio on and select the desired band and station.
2. Press and hold the desired preset button (numbered **1** - **6** on the face of the radio) for more than 2 seconds to save the station to that preset number.
3. Repeat for the remaining five presets on the current band and for all presets on the other four bands.
4. A stored station can be recalled at any time by choosing a band and then pressing the corresponding preset button.

DISC/USB/CARD OPERATION

Insert Disc/USB/SD



- To play files on a disc, insert a disc with the label surface up into the disc slot. Playback will begin automatically.
- To play files on a USB/SD device, open the USB port cover and insert the USB/SD storage device into the USB/SD port. Playback will begin automatically.



Eject Disc/USB/SD

- To eject a disc, first press the ■ (stop) button to stop playback. Press the ⏏ (eject) button to eject the disc and then remove it.
- To eject a USB device or SD card, first press ■ the button to stop playback, then remove the storage device or card.

Play/Pause

Press the **>||** (play/pause) button to pause or resume playback.

Next/Previous Track

- To play the next track, briefly press the **NEXT** button.
- To play the previous track, briefly press the **PREV** button.

Fast Forward/Backward

- To fast forward, press and hold the **>>|** or **>** button.
- To fast backward, press and hold the **|<<** or **<** button.

Track Search

During USB or SD playback, press the **AMS** button(in remote control) to enter track search mode. Use the **VOL** knob or **VOL +/-** buttons to navigate the list of tracks/files. This function will time out after 5 seconds of inactivity.

Track/Folder Navigation

- During USB or SD card mode, press the **5/-10** button to go backward 10 tracks. Press the **6/+10** button to jump forward 10 tracks.
- During USB or SD card mode, press and hold the **5/-10** button to go back one folder. Press and hold the **6/+10** button to go up one folder. You can repeat this function depending on the number and level of folders.
- These buttons have no function if the USB device or SD card has no folders.

BLUETOOTH OPERATION

Pair and Connect

Prior to using the Bluetooth device as a handsfree system for a Bluetooth-enabled mobile phone for the first time, you must pair and connect the two devices as follows:

1. In any mode, prior to pairing and connecting, the BT logo flashes in the LCD indicating that no device is connected. To begin pairing, enable BT mode on your mobile phone.
2. When the phone finds the car audio system, the BOSS AUDIO name will be displayed.
3. Choose the BOSS AUDIO from the device list to pair and connect with the car audio system. Upon confirming, the BT logo will stop flashing.
4. When pairing is complete, the mobile phone audio will automatically transfer to the car audio system whenever a call is made or received, or when the mobile phone plays music.

Make a Call

To make a call, dial the call directly from the paired mobile phone.

Redial Last Dialed Number

Press and hold the ☎ button on the control panel to redial the last dialed phone number.

Answer a Call

- When the mobile phone is called, the incoming telephone number displays in the LCD.
- To receive the call, press the ☎ button on the control panel.
- To reject the call, press the ☎ button on the control panel.

End a Call

To end an active call, press the ☎ button.

Switch Audio Between Car and Phone

During a call, press the **VOL** knob/button to switch the audio source from the car audio system back to your mobile phone.

Adjust Talk Volume

- During a call, use **VOL** knob or **VOL +** and **VOL -** buttons to adjust the volume level.
- Use the **MUTE** button to mute sound.

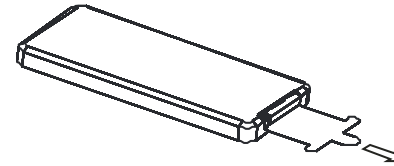
Bluetooth Music (A2DP)

1. Press the ⏻/**SRC** button to enter BT mode and display media in the LCD.
2. When a mobile device is paired, music played through that device will automatically be heard through the car audio system.
3. Press the **>>|** or **|<<** button to play the next or previous song/file on the mobile phone.
4. Press the **>||** button to pause or resume music playback.

REMOTE CONTROL

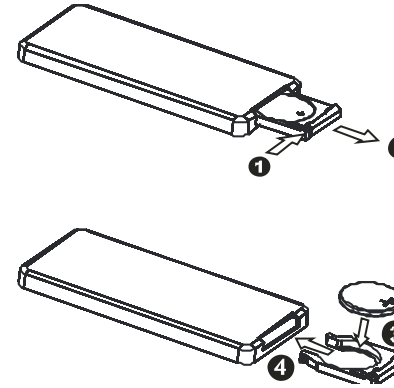
Remove Insulating Sheet

The remote control comes with an insulating sheet attached to the underside of the remote control, as illustrated on the right. The remote control will not work until the insulating sheet is removed.



Replace Lithium Battery Cell

1. When the lithium cell battery becomes weak, replace it as illustrated on the right.
2. Press and hold the movable block in the direction indicated by arrow 1. At the same time, pull the cell holder out of the remote control in the direction indicated by arrow 2.
3. Replace the old cell with a new one, making sure the (+) polarity is facing upward.
4. Re-insert the cell holder into the remote control.



- Cell leakage may cause damage to the remote control.
- Do not throw cells into fire, as this may cause an explosion.
- Keep battery cells out of reach of children.

Remote Control Operation

Position the emitting window of the remote control toward the sensor window of the unit.

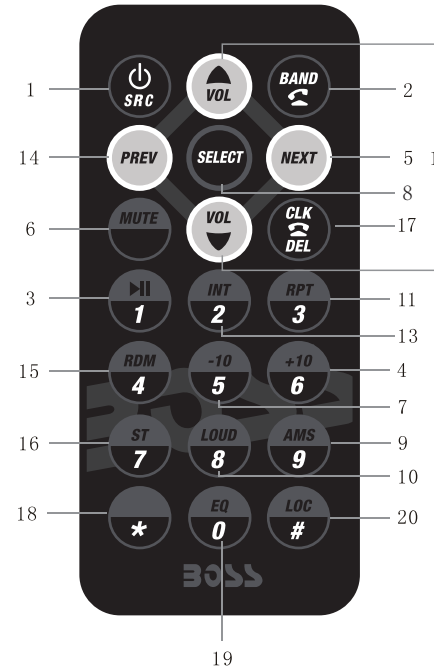
- The operation angle for front panel remote control reception is about 30 degrees.
- The distance between the emitting window of the remote control and the sensor window of the unit should remain less than 5 meters.

REMOTE CONTROL (CONT.)

Button Names and Locations

1. Power or SRC button
2. BAND or ☎ button
3. >|| or 1 button
4. + 10 or 6 button
5. NEXT button
6. MUTE button
7. - 10 or 5 button
8. SEL (select) button
9. AMS (automatic music search) or 9 button
10. LOUD (loudness) or 8 button
11. RPT (repeat) or 3 button
12. VOL (volume) button
13. INT (intro) or 2 button
14. PREV (previous) button
15. RDM (random) or 4 button
16. ST (stereo) or 7 button
17. CLK or DEL or ☎ button
18. ✱ button
19. EQ(Equalizer) or 0 button
20. LOC (local) # button

Note: To operate remote, pull out the plastic from battery compartment at back of remote. Then point remote at unit and start.



TROUBLESHOOTING

Symptom	Cause	Solution
No Power	Car ignition not on	Switch ignition key to “ACC”
	Fuse blown	Replace fuse
Disc cannot be loaded	Another disc is already in the player	Eject disc and insert new one
Disc cannot be read	Disc was inserted upside down	Insert disc with label facing upward
	Disc is dirty or scratched	Clean the disc or try to play a new one
	Temperature inside the car is too high	Allow vehicle to cool before using player
No sound	Volume turned down	Adjust volume to desired level
	Wiring not properly connected	Check and repair wiring connection
Operation keys not working	Front panel not properly fixed into place	Reinstall the front panel
	Car interior is too hot	Allow vehicle to cool before using player
Sound skips	Installation angle is more than 30 degrees	Adjust installation angle to less than 30 degrees
	Disc is dirty or scratched	Clean disc or try to play a new one
Radio does not work	Antenna cable not connected	Insert antenna cable firmly
Automatic radio station selection does not work	Signals are too weak	Select a station manually

SPECIFICATIONS

General

Power Supply Requirement..... DC 12V
Current Consumption .....10A MAX
Maximum Power Output.....50W x 4CH

Radio

FM

USA/Europe..... 87.5 MHz - 107.9 MHz/87.5 - 108.0 MHz
Usable Sensitivity .....30 dBu
I.F. Frequency.....10.7 MHz

AM

USA/Europe..... 530 KHz - 1710 KHz/522 - 1620 KHz
Usable Sensitivity .....20 dBu
I.F. Frequency..... 450 KHz

CD/USB/Card

Usable Audio Formats CD/MP3/WMA
Pre-amp Output.....Front and Rear
Frequency Response .....20 Hz - 20 KHz
S/N Ratio 60dB

BT

BT Profile supports..... Headset, Handsfree and A2DP & AVRCP profiles
Range of frequency..... 2.4GHz spectrum

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BOSS® AUDIO SYSTEMS

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